

**BRUHATH BENGALURU MAHANAGARA PALIKE**  
Yelahanka Division, Yelahanka Zone

Executive Engineer  
Yelahanka Division  
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-TEND/05/2012-13 Dated: 22-08-2012

**APPROVED TENDER SCHEDULE - 'B'**

Item No: 03

Name of Work: -onstruction of Electrical timer cables and power saving arrangements with all accessories in Ward No 3.

| Sl | Description                                                                                                                                                                                                                                                                                                                                                                                                                               | Unit | Approved Qty | Rate Quoted by the Contractor<br>Approved Rates<br>Sri.Rohan Electricals |                                                           |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|--------------------------------------------------------------------------|-----------------------------------------------------------|
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                           |      |              | Rate                                                                     | Rate in Words                                             |
| 1  | Supplying High pressure sodium vapour street light fitting die cast aluminium canopy with aluminium housing for control gear, finished stove enamel gray glassy white canopy interior with a pair of anodized aluminium reflectors with toughened flat glass, gasket lining for drip insect resistance duly wired with porcelain holder copper choke, igniter and HPF condenser including a sodium vapour lamp. II 250 watts a) Group 'A' | Each | 100.00       | 6150.00                                                                  | Rupees six thousand one hundred fifty and paise zero only |
| 2  | Supplying & fixing mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. b) Using 32mm dia G.I pipe                                                                                                                                                             | Each | 100.00       | 685.00                                                                   | Rupees six hundred eighty five and paise zero only        |
| 3  | Supplying and fixing of ..... cross arm including all hardwares complete as per the standard technical specification b) 2 pin 45x45x5mm-510mm.                                                                                                                                                                                                                                                                                            | Each | 80.00        | 123.00                                                                   | Rupees one hundred twenty three and paise zero only       |
| 4  | Supplying and fixing of .....including all hardwares complete as per the standard technical specification a) 1.1 KV Pin insulator                                                                                                                                                                                                                                                                                                         | Each | 120.00       | 70.00                                                                    | Rupees seventy and paise zero only                        |
|    | d) No 8 strain insulator                                                                                                                                                                                                                                                                                                                                                                                                                  | Each | 27.00        | 24.00                                                                    | Rupees twenty four and paise zero only                    |
| 5  | Supplying and stringing of ACSR conductor (6/2.59mm Ai+1/2.59mm steel)                                                                                                                                                                                                                                                                                                                                                                    | Mtr  | 2000.00      | 19.80                                                                    | Rupees nineteen and paise eighty only                     |

| Sl | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Unit    | Approved Qty | Rate Quoted by the Contractor<br>Approved Rates<br>Sri Rohan Electricals |                                                              |
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|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |              | Rate                                                                     | Rate in Words                                                |
| 6  | Supplying and fixing of .....including all hardwares complete as per the standard technical specification<br>e) RCC clamp                                                                                                                                                                                                                                                                                                                                                                                                                 | Each    | 80.00        | 61.00                                                                    | Rupees sixty one and paise zero only                         |
| 7  | Fabricating supplying and mounting MS box made out... SWG suitable for floor/wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer pain and finally finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete. b) 16 SWG | sqm     | 237500.00    | 0.33                                                                     | Rupees zero and paise thirty three only                      |
| 8  | Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete. 100 amps                                                                                                                                                                                                                                                                                                                                                                                       | Each    | 25.00        | 415.00                                                                   | Rupees four hundred fifteen and paise zero only              |
| 9  | Supplying and fixing electro mechanical timer (without contactor) using necessary bolts, nuts and washers etc.                                                                                                                                                                                                                                                                                                                                                                                                                            | Each    | 25.00        | 4200.00                                                                  | Rupees four thousand two hundred and paise zero only         |
| 10 | Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve indicator ON/OFF energy cross -3 with circuit breaking capacity of 10K and complete wiring as required. A)5-32 Amps SP 1) Group 'A'                                                                                                                                                                                                                                                               | Each    | 25.00        | 195.00                                                                   | Rupees one hundred ninety five and paise zero only           |
| 11 | Supply and fixing of 4 pole power contactor with No/NC contacts on existing wood/panel board using necessary bolts, nuts washers and wiring etc complete with AC-3 rating and as per IS-13947 d) 100-125 Amps                                                                                                                                                                                                                                                                                                                             | Each    | 25.00        | 7450.00                                                                  | Rupees seven thousand four hundred fifty and paise zero only |
| 12 | Supplying and fixing angle iron frame work fabricated out of M.S angle iron... and M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. (32.9a) a) 40x40x6mm                                                                                                                                                                                                                                                                                                                | Rmtr    | 100.00       | 240.00                                                                   | Rupees two hundred forty and paise zero only                 |
| 13 | Supplying of LTUG cable having aluminium conductor PVC insulated sheathed, galvanised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class. Class A PVC cable d) 4 core 16 sqmm                                                                                                                                                                                                                                                                                                                                   | per Mtr | 215.00       | 150.00                                                                   | Rupees one hundred fifty and paise zero only                 |

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|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |              | Rate                                                                     | Rate in Words                                                     |
| 14 | Labour charges for laying of 1.1 K.V class UG cable in existing trench GI pipe/ stoneware pipe/ on wall / on pole as required II on wall / structure a) 6 sqmm to 16 sqmm                                                                                                                                                                                                                                                                                           | Rmtr  | 215.00       | 18.00                                                                    | Rupees eighteen and paise zero only                               |
| 15 | Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes f) 16 sqmm                                                                                                                                                                                                                                                                                                                                                   | Each  | 200.00       | 14.00                                                                    | Rupees fourteen and paise zero only                               |
| 16 | Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring thermal magnetic microprocessor release and earth fault as per IS-13947 (icu=ics) THREE POLE a) 100 amps 25 ka 2) group B                                                                                                                                                                                                | Each  | 25.00        | 3460.00                                                                  | Rupees three thousand four hundred sixty and paise zero only      |
| 17 | Supplying.....amps rated 3 phase with neutral bus bar using requirement capacity electrolytic aluminium strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6 mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete. | Rmtr  | 6.00         | 1600.00                                                                  | Rupees one thousand six hundred and paise zero only               |
| 18 | Supply and erection of .....mtr RCC pole including earth work etc., complete as per the standard technical specification.<br>b) 9 Mtr 145Kg WL                                                                                                                                                                                                                                                                                                                      | Each  | 6.00         | 6583.00                                                                  | Rupees six thousand five hundred eighty three and paise zero only |
| 19 | Supplying 70/125 Watts MH integral post top lantern Metal halide fitting suitable for pole mounted with fully vermin, weather proof, elegant in shpae, appearance, UV stabilized clear acrylic diffusers, camouflaged horizontal lamp, IP 54 protection. Electrical safety class 1. The fitting shall have ferromagnetic copper choke with capacitor, igniter and fully wired to operate on 230 V 50Hz AC supply with 70 /125 Watts MH Lamp..a) Group 'A'           | Each  | 40.00        | 5230.00                                                                  | Rupees five thousand two hundred thirty and paise zero only       |
|    | <b>BESCOM S.R RATES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |              |                                                                          |                                                                   |
| 20 | LT 3 phase 5 wire aerial bunched cable of size 3x25+1x16+1x25+1x35 sqmm (standard stock materials 2009-10) Rs 81450/kmt                                                                                                                                                                                                                                                                                                                                             | P/Mtr | 2500.00      | 81.45                                                                    | Rupees eighty one and paise forty five only                       |

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|    |                                                                                                                                                                                                                                                                                                                                                   |         |              | Rate                                                                     | Rate in Words                                       |
| 21 | LT 1 phase 53wire aerial bunched cable of size 1x25+1x16+1x25+qmm (standard stock materials 2009-10) Rs 81450/kmt                                                                                                                                                                                                                                 | P/Mtr   | 2000.00      | 40.10                                                                    | Rupees fourty and paise ten only                    |
| 22 | stringing of 1.1 KV grade aerial bunched 3 core cable of XLPE insulation standard aluminium conductor standard around a weather resistant black KLPE insulated AAA messenger wire (3x50 sq mm+1x16 sqmm + 1x50sqmm + 1x35sqmm) 2.(3x95) (for phase conductor) + (1x50) (insulated messenger neutral) +(1x16)(Labour charges 2010-11) Rs 8961/kmt. | P/Mtr   | 4500.00      | 8.96                                                                     | Rupees eight and paise ninety six only              |
| 23 | Piercing connector suitable 16 sqmm - 95 sqmm AB cable service connections (Standard Stock Materials 2010-11)                                                                                                                                                                                                                                     | Nos     | 150.00       | 210.00                                                                   | Rupees two hundred ten and paise zero only          |
| 24 | Dead End clamp/ Anchor clamps assembly 25 to 95 sqmm bear messenger (Standard Stock Materials 2010-11)                                                                                                                                                                                                                                            | Nos     | 10.00        | 140.00                                                                   | Rupees one hundred forty and paise zero only        |
| 25 | suspension clamp assembly 25 to 95 sqmm bear messenger (Standard Stock Materials 2010-11)                                                                                                                                                                                                                                                         | Nos     | 70.00        | 280.00                                                                   | Rupees two hundred eighty and paise zero only       |
| 26 | Erection of suspension clamp 25 to 95 sqmm bear messenger (Labour charges 2010-11)                                                                                                                                                                                                                                                                | Nos     | 70.00        | 85.00                                                                    | Rupees eighty five and paise zero only              |
| 27 | Erection of Anchor clamp 25 to 95 sqmm bear messenger (Labour charges 2010-11)                                                                                                                                                                                                                                                                    | Nos     | 10.00        | 85.00                                                                    | Rupees eighty five and paise zero only              |
| 28 | installation of insulation piercing connector for main to street light Main : 16-95 sqmm, tap: 1.5-10 sqmm (EP-95)                                                                                                                                                                                                                                | Nos     | 120.00       | 40.00                                                                    | Rupees forty and paise zero only                    |
| 29 | Digging of pits 1.5 mtr depth for erection of of 7.5/8 mtr Long steel/RCC/PSC/PCC supports Hard soil                                                                                                                                                                                                                                              | Per pit | 40.00        | 529.00                                                                   | Rupees five hundred twenty nine and paise zero only |
| 30 | Concrete Works Providing cement concrete to poles and guysets with material and labour including necessary curing etc., complete (cost does not include excavation)<br>c) Providing coping for pole with CC1:2:4 (as per actuals)                                                                                                                 | Each    | 40.00        | 200.00                                                                   | Rupees two hundred and paise zero only              |

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|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |      |              | Rate                                                                     | Rate in Words                                              |
| 31 | <p>Erection of Poles : Releasing and Re-Erection of Steel supports 9.0 to 10.00 mtr long such as 22.68 kg (50 lbs) Rail, I beam of sizes 200 X 100 mm, 175X 90 mm , 125 X 100 mm, Fabricated poles, tubular poles in pits of 1.8 mtr Depth, aligning, refilling with soil For Erection =Rs 154.00 releasing of materials shall be 90 % of the cost of erection as per bescom circular BES/GM/(T)/BC-20/F-664/05-06/CYS 174 Dt:10.01.06. Therefore Releasing and Re-Erection = Rs 154.00+ 0.9X154.00=292.60</p> | Nos  | 40.00        | 292.60                                                                   | Rupees two hundred twenty nine and paise sixty only        |
| 32 | <p>Street Light and other Works Releasing and Fixing of mercury Vapour lamp fitting /Ornamental light fitting with Control Boxes etc. For Fixing =Rs 224.00 releasing of materials shall be 90 % of the cost of erection as per bescom circular BES/GM/(T)/BC-20/F-664/05-06/CYS 174 Dt:10.01.06. Therefore Releasing and Fixing = Rs 224.00+ 0.9X224.00=292.60</p>                                                                                                                                            | set  | 40.00        | 425.60                                                                   | Rupees four hundred twenty five and paise sixty only       |
| 33 | <p>Hire Charges Components for Tractor 50 HP ,SI no 20, Page No XXXIV, KPWD SR CIVIL 2010-11.<br/>Per Day Rs 2240.00</p>                                                                                                                                                                                                                                                                                                                                                                                       | Day  | 5.00         | 2240.00                                                                  | Rupees two thousand two hundred fourty and paise zero only |

*For Ramya Electricals*

Signature of the Contractor

Executive Engineer,  
Yelahanka Division,  
BBMP, Bengaluru-64.